UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

22850

09/18/2007

OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314

EXAMINER HOBBS, LISA JOE ART UNIT PAPER NUMBER

1657

DATE MAILED: 09/18/2007

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/531,305 | 04/13/2005 | Hiroyuki Ebinuma | 270463US0PCT | 9394 |

TITLE OF INVENTION: NOVEL FRUCTOSYL PEPTIDE OXIDASE AND UTILIZATION THEREOF

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$0 | \$1700 | 12/18/2007 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current **SMALL ENTITY status:**

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

| ppropriate. All further | correspondence includired below or directed other | ng the Patent, advance of | rders and notification of m | aintenance fees wil | I be mailed to the current | correspondence address as arate "FEE ADDRESS" for | |
|---|--|--|--|---|--|---|--|
| CURRENT CORRESPOND | ENCE ADDRESS (Note: Use BI | lock I for any change of address) | Fee(s | s) Transmittal. This | certificate cannot be used t | or domestic mailings of the for any other accompanying ent or formal drawing, must | |
| 22850 | | /2007 | | . | | | |
| OBLON, SPIV 1940 DUKE STI ALEXANDRIA | 'AK, MCCLELLA REET , VA 22314 | AND MAIER & N | EUSTADT, P.C.I her State addre trans | eby certify that this is Postal Service wi essed to the Mail mitted to the USPT | ficate of Mailing or Trans Fee(s) Transmittal is beint th sufficient postage for fin Stop ISSUE FEE address O (571) 273-2885, on the d | imission g deposited with the United st class mail in an envelope above, or being facsimile late indicated below. | |
| | | | | | | (Depositor's name) | |
| | | | | | | (Signature) | |
| • | | | <u>.</u> | | | (Date) | |
| APPLICATION NO. | FILING DATE | | FIRST NAMED INVENTOR | | ATTORNEY DOCKET NO. | CONFIRMATION NO. | |
| 10/531,305 | 04/13/2005 | | Hiroyuki Ebinuma | | 270463US0PCT | 9394 | |
| TILE OF INVENTION | : NOVEL FRUCTOSYI | L PEPTIDE OXIDASE A | ND UTILIZATION THER | EOF | • | • | |
| | | | | | | | |
| APPLN, TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE | FEE TOTAL FEE(S) DUE | DATE DUE | |
| nonprovisional | NO | \$1400 | \$300 | \$0 | \$1700 | 12/18/2007 | |
| EXAM | IINER | ART UNIT | CLASS-SUBCLASS | | | | |
| HOBBS, I | LISA JOE | 1657 | 435-191000 | ļ | | | |
| . Change of correspond | ence address or indicatio | n of "Fee Address" (37 | 2. For printing on the pa | atent front page, list | | | |
| CFR 1.363). Change of corresp | ondence address (or Cha B/122) attached. | ange of Correspondence | (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, | | | | |
| _ | | | (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to | | | | |
| ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. | | | | | | | |
| | | | THE PATENT (print or typ | | | | |
| PLEASE NOTE: Un recordation as set fort | less an assignee is ident th in 37 CFR 3.11. Com | offied below, no assignee pletion of this form is NO | data will appear on the part of the part o | atent. If an assigne assignment. | e is identified below, the c | locument has been filed for | |
| (A) NAME OF ASSI | GNEE | | (B) RESIDENCE: (CITY | and STATE OR CO | DUNTRY) | | |
| | | | | | | | |
| Please check the appropr | riate assignee category or | r categories (will not be p | rinted on the patent): | Individual Cor | poration or other private gr | oup entity Government | |
| a. The following fee(s) | are submitted: | 4 | b. Payment of Fee(s): (Plea | se first reapply any | y previously paid issue fee | shown above) | |
| Issue Fee | No small entity discount i | nermitted) | A check is enclosed. Payment by credit card. Form PTO-2038 is attached. | | | | |
| ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies | | | The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). | | | | |
| 0 | tus (from status indicate | , | h Applicant is no lone | ger claiming SMAI | L ENTITY status. See 37 C | FR 1.27(g)(2) | |
| NOTE: The Issue Fee an | nd Publication Fee (if req | uired) will not be accepte | d from anyone other than the | <u> </u> | | he assignee or other party in | |
| nterest as snown by the | records of the United St | ates Patent and Trademark | COnice. | | | | |
| Authorized Signature | | | ···· | Date | | | |
| Typed or printed name | | | | - |) | | |
| This collection of inform application. Confiden | nation is required by 37 Catiality is governed by 35 | CFR 1.311. The informati 5 U.S.C. 122 and 37 CFR | on is required to obtain or r 1:14. This collection is est | etain a benefit by th | e public which is to file (an inutes to complete, includi | d by the USPTO to process) ng gathering, preparing, and me you require to complete partment of Commerce, P.O. for Patents, P.O. Box 1450. | |
| his form and/or suggest | ions for reducing this bu | rden, should be sent to the | e Chief Information Office | r, U.S. Patent and T | rademark Office, U.S. Der | partment of Commerce, P.O. | |

Box 1450, Alexandria, Virginia 22 Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO. FILING DATE | | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | |
|---|--|-------------|-------------------------|---------------------|------------------|--|
| 10/531,305 04/13/2005 | | 04/13/2005 | Hiroyuki Ebinuma | 270463US0PCT | 9394 | |
| 22850 7590 09/18/2 | | 09/18/2007 | | EXAMINER | | |
| OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, P.C. 1940 DUKE STREET | | | | HOBBS, LISA JOE | | |
| | | | | ART UNIT | PAPER NUMBER | |
| ALEXANDRIA, VA 22314 | | | 1657 | | | |
| | | | DATE MAILED: 09/18/2007 | | | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 378 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 378 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.